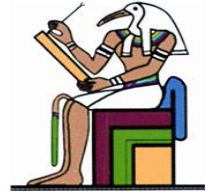




كلية الطب البيطري
جامعة القاهرة


وحدة ضمان الجودة



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Curriculum Vitae

personal Information

Name	SAMI AHMED ABD EL AZIZ ALI	
Title	Professor, biochemistry & chemistry of nutrition Department, Faculty of Veterinary Medicine, Cairo University	
Date of birth	3/1/1950	
Place of birth	El- Fayoum	
Citizenship	Egyptian	

Contact Information

Home phone	0238894146
Work phone	35686753
Mobile phone	01006736611
E-mail (s)	saaavetbiochem@gmail.com samy.abdelaziz@vet.cu.edu.eg
Web site (s)	
Current Address	105 , street 11, 8 th district, 6 th of October city, Giza

Educational Qualifications

Ph. D., Faculty of Veterinary Medicine, Cairo University, 1981
M. Sc., Faculty of Veterinary Medicine, Cairo University, 1977
B. Sc., Faculty of Veterinary Medicine, Cairo University, 1973

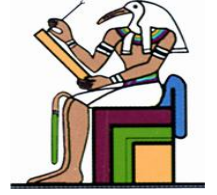
Academic Positions

Emeritus Professor, Biochemistry & chemistry of nutrition Department, Faculty of Veterinary



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Medicine, Cairo University, 2010

Professor, Bio Chemistry & chemistry of nutrition Department, Faculty of Veterinary Medicine, Cairo University, 1992

Associate Professor, Bio Chemistry & chemistry of nutrition Department, Faculty of Veterinary Medicine, Cairo University, 1986

Lecturer, Bio Chemistry & chemistry of nutrition Department, Faculty of Veterinary Medicine, Cairo University, 1981

Assistant Lecturer, Bio Chemistry & chemistry of nutrition Department, Faculty of Veterinary Medicine, Cairo University, 1977

Demonstrator, Bio Chemistry & chemistry of nutrition Department, Faculty of Veterinary Medicine, Cairo University, 1973

Administrative positions

1-Head of Biochemistry and Chemistry of Nutrition Department , Faculty of Veterinary Medicine , Cairo University (from 1998 to 2004)

2-Vice dean for education and students affairs (2004 - 2010)

3- Committee Secretary of Standing Scientific Committee for Biochemistry (2004 – 2010)

4- Committee Secretary of veterinary studies sector since march 2020 till now.

Thesis Title

M. Sc. Study of biochemical changes of alloxan in ewes

Ph. D. Biochemical study of hypoglycaemic agents in alloxan injected rats

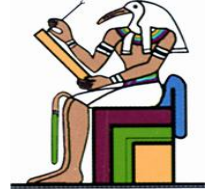
Areas of experience

Biochemistry ,
Chemistry of nutrition,
Clinical biochemistry



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Molecular biology

Projects

Awards

Professional Qualifications

Conferences of:

- 1-Egyptian veterinary medical association
- 2-Egyptian association for biochemistry & chemistry of nutrition
- 3-Scientific conferences of faculty of veterinary medicine , cairo university
- 4- Scientific conferences of faculty of veterinary medicine (el sadat) , el monofya university
- 5- Egyptian association of genetics and genetic engineering.

Training courses

Computer Skills:

- 1- Microsoft office Word
- 2- Microsoft office Excel
- 3- Microsoft office Power point
- 4- Enter net browser

Language Skills

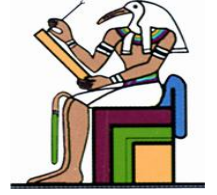
Professional Memberships

- 1-Assigned to the teaching the biochemical courses for students and graduate students in faculty of Veterinary Medicine - Sadat City University since 1999 up till now
- 2-Was chosen secretary of the Standing Scientific Committee of Biochemistry (junior faculty positions) in the eighth and the ninth session



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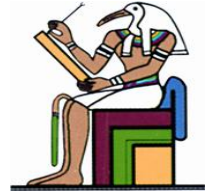
Other activities

- 1-Teaching Biochemistry courses to undergraduate students , Faculty of Veterinary Medicine, Cairo University
- 2- Teaching Biochemistry for graduate students , Faculty of Veterinary Medicine, Cairo University
- 3 Contributed to the processing lab biochemistry students of the Faculty of Veterinary Medicine (al sadat), El Monofya university
- 4- Supervision of several Master and Ph.D. in the Faculties of Veterinary Medicine (Cairo,El Monofya,Banisuyef universities)
- 5- Arbitration and discussion many of the Masters and Ph.D. in the Faculties of Veterinary Medicine(Cairo,El Monofya,Banisuyef , Alex, El Zagazeg universities)
- 6- Contribute to the academic theory of writing books with the decisions of Biochemistry
- 7-Contribute to the academic process, writing books with the decisions of Biochemistry
- 8- Manger of CIQAP in Faculty of Veterinary Medicine, Cairo University (2011- 2012)



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List of publications:

- 1- Sulphonamides in buffaloes: Effect on certain blood constituents and serum enzymes.
- 2- Radio-immunoassay of insulin in alloxanized non-pregnant ewes.
- 3- Gluconeogenic efficiency of the live and kidney cortex in Egyptian buffaloes.
- 4- Studies on lead poisoning: Delta-aminolevulinic acid dehydratase (ALA-D) activity during experimental chronic lead poisoning in goats.
- 5- Effect of successive doses of adrenocorticotrophic hormone on some blood constituents in rabbits.
- 6- Effect of prolonged administration of vepamil on blood and tissues of albino rats.
- 7- The effect of induced hyperglycaemia on gonadotrophins in mature male rats.
- 8- The in vitro utilization of urea and its effect on volatile fatty acids in ruminal fluid of Egyptian camel supplemented with protein-free diet.
- 9- The effect –in vitro- of a protein-free diet on thiamin net synthesis in ruminal fluid of Egyptian camel.
- 10- Some pharmacokinetic and biochemical aspects of nitrofurantoin in cows.
- 11- Changes of some liver functions in experimentally lead-poisoned goats.
- 12- Some pharmacokinetic and biochemical aspects of oxytetracycline in albino rats.
- 13- Alkaline phosphatase and alanine-amino transferase activities in rat serum as influenced by variation in diet.
- 14- Serum cholesterol and bilirubin levels as related to dietary alteration in rats.
- 15- Changes in some kidney functions in experimentally lead-poisoned goats.
- 16- Absorption, blood concentration and biological half-life of gentamicin after intramuscular administration in camel with special reference to biochemical and haematological aspects.
- 17- Concentration of gentamicin in some body fluids with reference to its biochemical and haematological effects in horses.
- 18- Effect of fascioliasis on blood serum constituents in buffaloes.
- 19- Urea and creatinine clearance test as influenced by variation in diet in rats.
- 20- Effect of dietary nature on electrophoretic pattern of serum protein components in rats.
- 21- Influence of adrenocorticotrophic hormone on some enzymes in rabbit serum.
- 22- Total amino acids content in spermatozoa and seminal plasma of friesian and buffalo bulls.
- 23- Protein fractions in seminal plasma of friesian and buffalo bulls.



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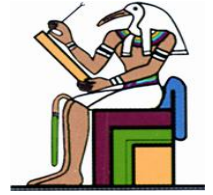
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- 24- Glutathione content of buffalo and bovine semen.
- 25- Delta-aminolevulinic acid dehydratase activity in blood of Egyptian camel and buffalo.
- 26- Role of calcium versenate in treatment of lead poisoned goats.
- 27- Some physiological and biochemical studies on the cholaretic and cholagogue effects of clanobutin sodium in beef cattle.
- 28- Studies on the effect of ivermectin on some serum constituents with special reference to protein in goats.
- 29- Glutathione content of semen and its relation to frequency of ejaculation.
- 30- Delta-aminolevulinic acid dehydratase activity in subchronic lead intoxicated chickens.
- 31- Some enzymatic changes during subacute toxicity of some pesticide in albino rats.
- 32- Muscle specific enzymes and α -tocopherol as well as erythrocytic glutathione peroxidase and serum magnesium levels in paralytic myoglobinuria affected horses.
- 33- Serum and seminal thyroid hormones in relation to semen quality of Friesian bulls.
- 34- Locomotor disturbances in fattening lambs under bad hygienic and nutritional state.
- 35- Effect of mycoplasmosis and coccidiosis on carbohydrate metabolism in chickens.
- 36- Effect of some food preservatives on glucose-6-phosphate dehydrogenase and haematological parameters in rats.
- 37- Investigation on field problem of nervous manifestation -sometimes- ended with death in fattening buffalo-calves.
- 38- Mineral content in edible and non-edible meat.
- 39- Biochemical changes in serum of chickens intoxicated with a fungicide propiconazole "Tilt".
- 40- The -in vitro- effect of some elements upon microflora in rumen of buffalo and camel.
- 41- Some biochemical influences of crude phycotoxin extract from the cyanobacterium *Microcystis aeruginosa* of albino rats.
- 42- Brain ATPase and pyruvate kinase activities of rats intoxicated with methyl mercuric chloride and kelthane.
- 43- Biochemical study on chicken vaccinated with gamma irradiated inactivated *Pasteurella maltocida* vaccine.
- 44- Effect of thyroxine hormone on some biochemical changes in blood of broilers.
- 45- Oxidative stress and lipid profile alteration in albino rat liver fed on microwave exposed food, Hassani, M.; Galal, Mona Kh., El-Hindi, H. M. A. and Abdel-Aziz, S. A. *Australian Journal of Basic and applied Science(AJBAS)* ISSN 1991- 8187, (2014)



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- 46- Antioxidative Role of n-Acetylcysteine in Experimentally Diabetic Rats ”**
- 47- Adverse effect of mobile phone on tp53, brca1 genes and DNA fragmentation in albino rat liver**
- 49- Cadmium induced oxidative stress in testis of male albino rats.** Awad, El., T., Lamy, Marian M. and Abdel-Aziz, S. A., *J. Egypt. Vet. Med. Assoc.*, 2 : 245 – 257 (2016)
- 50- Biochemical effects of electromagnetic fields by mobile phone on brain of rats.**
Al-Rama, Reem M.; Gouga, Eman M; Hegazy, I., I. and Abdel-Aziz, S. A., *J. Stem cell & Molecular Biology*, 1, (1) :Issn: 18232 (2013).
- 51- Role of Antioxidant on Fructose-Induced Hyperglycaemia,** Shaimaa K., Marwa Abdel-Hamid, Hatem M.A. El-Hindi and Samy A. Abdel-Aziz, *Internayional Journal of Genomics and Proteomics*, (2014), 5 (1) : 89- 94
- 52- Adverese effect of mobile phone on TP53, BRAC1 gene and DNA fragmentation in Albino rat liver.** Gouda,E.M.; Galal,M.K. and Abdal-Aziz,S.A. *Internayional Journal of Genomics and Proteomics*, (2013), 4 (1) : 84- 88
- 53- Association between polymorphism of Myf5 gene and growth traits in bovine.** Awad, Els. T.; Abdel-Aziz, S. A.; Warda, M. A. and Ahmed I. M., *Veterinary Medical Journal*, 62 (1) : 45 – 51 (2016)
- 54- Association between polymorphism of Myogenin gene and growth traits in cattle and buffalo.** Awad, Els. T.; Abdel-Aziz, S. A.; Warda, M. A. and Ahmed I. M., *Veterinary Medical Journal*, 62 (1) : 53 – 58 (2016)
- 55- The possible toxic effects of triclosan and butylparaben on male rats**
Riad , Madeha A., Abd El –Aziz, S, A. 2, El-Behairy A. M. , Badawy, M., and Abd-Rabo, Marwa, M. *International Journal of Pharma Sciences* ttili, Vol. 7, No. 5 (2017): 1855-1863 ,
ISSN: 2320-6810
- 56- Molecular cloning and characterization of the novel CYP2J2 in dromedary camels (Camelus dromedarius).** Kamel,S., Ibrahim,M., Awad,E., El-Hindi,H. and Abdel- Aziz,S. *Int. J. Biol. Macromol.* 120 (Pt B), (2018) : 1770-1776
- 57- Differential expression of CYP2J2 gene and protein in Camelus dromedaries**
Kamel, Shaimaa.. Ibrahim, Marwa, Awad, M E.T., El-Hindi, H.M.A. and Abdel-Aziz, S.A.. *Journal of BIOLOGICAL REGULATORS & Homeostatic Agents*, , 32 (6), (2018)
- 58- Oxidative stress and DNA methylation in male rat pups provoked by the transplacental and translactational exposure to bisphenol A".** El Henafy, Hanan, M. A., Ibrahim, Marwa A. ,



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